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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 13th January 1996

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पेटेंट कार्यालय

एकत्रय तथा अधिकत्रय

कलकत्ता, बिनांक 13 जनवरी 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं।

पेटेंट कार्यालय शाखा, टांडी इस्टेट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश, राज्य क्षेत्र एवं संघ शासित क्षेत्र गाँवा, दमन तथा दीव एवं दादरा और नगर हवेली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चण्डीगढ़ तथा दिल्ली।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
51, बालाजाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडू राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेर्री, लक्षद्वीप मिनीकाय तथा एमिनी द्वीप।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जायगी अथवा उपयुक्त कार्यालय में नियन्त्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियन्त्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

REGISTRATION OF PATENT AGENT

The following name and address of the principal place of business under rule 103 of the Patents Rules, 1972 has been altered to :

1. Jayanta Pal,
C/o. M/s. Daswani & Daswani,
Patent & Trade Mark Attorneys,
Jaba Kusum House, 1st Floor,
34, Chittaranjan Avenue,
Calcutta-700012.

APPLICATIONS FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crecent bracket are the date claimed under section 135, of the Patent Act, 1970.

12-10-1995

- 1225/Cal/95. Kishore Chandra Kothari, Vipul Kothari and Sanjay Kothari. Improved Rechargeable Battery.

- 1226/Cal/95. Merck Patent Gesellschaft Mit Beschränkter Haftung. Gray interference pigment and process for producing the same. (Convention No. 08/365931; filed on 29/12/94; in USA).

- 1227/Cal/95. Metallgesellschaft Aktiengesellschaft, Process of preparing a meta-kaolin white pigment from kaolinite. (Convention No. 19520411.5; on 9/6/95; in Germany).

- 1228/Cal/95. Bih-Fang Torng. An integrated raincoat with boots.

13-10-1995

- 1229/Cal/95. Central Mine Planning & Design Institute Ltd. (CMPDIL). Process for the production of igniter agglomerates for coal based solid domestic fuels.

- 1230/Cal/95. Monarch Knitting Machinery Corp. High Speed Sinker for circular knitting machines. (Convention No. 08/351,824; on 08/12/1994; in USA).

- 1231/Cal/95. Timothy Swain Lucas. Compression-evaporation system.

1232/Cal/95. Saint-Gobain Vitrage. Compositions of silico-Soda-Calcic Glasses and their applications. (Convention Nos. 94/12210 & 94/14352; on 13/10/94 & 30/11/94; in France).

1233/Cal/95. Saint-Gobain Vitrage. Device for Extruding a Polymer Frame Onto A Plate-Shaped Object. (Convention No. 94/12337; on 17/10/94; in France).

1234/Cal/95. The University of Melbourne. Process for Treating a Material containing inorganic matter. (Convention No. PM 8773/94; filed on 13/10/94; in Australia).

1235/Cal/95. Carnegie Mellon University. System and method for Skimming Digital Audio/Video Data. (Convention No. 08/324,079; on 14/10/94; in U.S.A.).

1236/Cal/95. P. O. Jose, Remote Control Auto Switching device for operating electrical Gadgets using telephone lines.

1237/Cal/95. GGU Gesellschaft Fur Gesundheits-Und Umweltforschung MBH & Co. Vetriebs KG. Medicament Reservoir. (Convention No. P4436854.2; on 15/10/94; in Germany).

1238/Cal/95. Arpita Agro Products (P) Ltd. A Herbal Anti-insect Swipe/Cleanser/Dis-infectant Cum-Deodorant Composition Provided in a suitable carrier and a process for manufacturing the same.

1239/Cal/95. Arpita Agro Products (P) Ltd. A Herbal pest Repellant composition and a process for preparing the same.

16-10-1995

1240/Cal/95. Mrs. Jutta Mai and Mr. Heinz Mai. Strenthening agent.

1241/Cal/95. Devaron Inc. A Recombinant Protein Designated Dev-1 Useful in the detection of HIV, DNA Sequence Encoding the protein, and Immunoassays using the Protein.

1242/Cal/95. Fleetguard, Inc. Replaceable Spin-on Filter with molded, Unitary Nutplate. (Convention No. 08/360, 399; on 21/12/94; in U.S.A.).

1243/Cal/95. Copeland Corporation. Capacity Modulated Scroll Machine. (Convention No. 08/486,118; on 7/6/95; in U.S.A.).

1244/Cal/95. Owens-Corning Fiberglass Corporation. Method and apparatus for shock release of thin foil materials. (Convention No. 08/238,992; on 25-10-94; in U.S.A.).

1245/Cal/95. Merck Patent GmbH Alkyl-5-Methylsulfonyle Benzoylguanidin-Derivative. (Convention No. P44378748; on 22-10-94; in Germany).

1246/Cal/95. Iscar Ltd. An exchangeable cutting insert.

1247/Cal/95. Elpatronic AG. Roller Seam Welding Process and electrode roller head mounting on a resistance seam welding machine.

1248/Cal/95. Elpatronic AG. Process and arrangement for feeding an articles into a conveying arrangement.

1249/Cal/95. Hitachi Ltd. Voltage non-linear resistor and fabricating method thereof. (Convention No. 6-264847; on 28/10/94; in Japan).

1250/Cal/95. Fleetguard, Inc. Pressure-Actuated radial air filter seal. (Convention No. 08/326,756; on 20/10/94; in U.S.A.).

1251/Cal/95. Commonwealth Scientific and Industrial Research Organisation. Chemically assisted protein annealing treatment (Convention No. PM 8852/94; on 17/10/94; in Australia).

1252/Cal/95. Carnegie Mellon University. Method and apparatus for creating a searchable digital video library and a system and method of using such a library. (Convention No. 08/324,076; on 14/10/94; in U.S.A.).

Application for the Patent filed at patent office; Branch, Municipal Market Building, IIIrd Floor, Karol Bagh, New Delhi-110005.

03-07-95

1225/Del/95. Ciba-Geigy AG., "Switzerland," Hydrazone Derivatives."

1226/Del/95. Ciba-Geigy Ag., "Switzerland," Pesticides," (Convention date 1st July, 1994)-Switzerland."

1227/Del/95. B P Chemicals Limited, "England," Ionic Liquids."

1228/Del/95. Ditta Michele Ratti S.P.A., "Italy," Improved Method for Twisting Sink or other irregular and Imperfect Continuous Filament Yarn, and an Improved package of such yarn, "(Convention date 4th July, 1994)-Italy."

1229/Del/95. B P Chemicals Limited, "England," Ionic Liquids."

1230/Del/95. S. A. Sussex France, "France", watch with Interch-Angeable Elements," (Convention date 8th July, 1994)-France."

1231/Del/95. The Gillette Company, "U.S.A.," shaving system," (Convention date 1st July, 1994)-U.S.A."

1232/Del/95. The Gillette Company, "U.S.A.," Skin Engaging member for Razor Blade Assembly." (Convention date 1st July, 1994)-U.S.A."

1233/Del/95. The procter & gamble Company, "U.S.A.," Multi-Region Desquamation Compositions." (Convention date 1st July, 1994)-U.S.A."

04-07-95.

1234/Del/95. I. G Electronics Inc., "Korea," Convergence Yoke of Cathode Ray Tube,"

1235/Del/95. Science Incorporated, "U.S.A.," Fluid Delivery Apparatus,"

1236/Del/95. Warner-Lambert Company, "U.S.A.," Dynamic Razor Head, (Convention date 30th September, 1994)-U.S.A."

1237/Del/95. Warner-Lambert Company, "U.S.A.," Razor Head with Enhanced Skin Protection," (Convention date 29th July, 1994)-U.S.A."

1238/Del/95. Motorola, Inc., "U.S.A.," Method and Apparatus for remote control of locks."

1239/Del/95. Council of Scientific and Industrial Research, "New Delhi," A device useful for the determination of various characteristics of dusts, liquids and solids."

1240/Del/95. Council of Scientific and Industrial Research, "New Delhi," "an improved fire protective coating material for preventing spontaneous heating in-mines."

1241/Del/95. Council of Scientific and Industrial Research, "New Delhi," a process for the preparation of water soluble polyacrylamide resin useful as anti-tarnishing lacquer for copper and brass."

1242/Del/95. Council of Scientific and Industrial Research, "New Delhi," an ethanol sensitive sensor element and the method of making the same,"

1243/Del/95. Council of Scientific and Industrial Research, "New Delhi," a process for the preparation of pseudomonas aeruginosa strain capable of degrading high levels of 3-chloro-and 4-chlorosenoates,"

1244/Del/95. Council of Scientific and Industrial Research, "New Delhi," a composition useful as a flame, retardant and smoke suppressant for plasticized PVC."

- 1245/Del/95. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of L-Alanyl - Glycyl-L-Seriny-L-Aspartyl - Glycyl-L-Lysyl Derivatives having Antiasthmatic/Antiallergic Activity."
- 1246/Del/95. Council of Scientific and Industrial Research, New Delhi, "An Integral Electric Heater Element."
- 1247/Del/95. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of Dialuminated Crystalline Aluminosilicate Zeolite especially zeolite-y."
- 1248/Del/95. Council of Scientific and Industrial Research, New Delhi, "A process for the production of Zinc Teroxy Chromate from Chromate based Effluent."

05-07-95.

- 1249/Del/95. Council of Scientific and Industrial Research, New Delhi, "An improved two stroke engine with selective exhaust gas recirculation."
- 1250/Del/95. Council of Scientific and Industrial Research, New Delhi, "An improved process for the production of Penicillin V Acylase using *Bacillus Sphaericus*."
- 1251/Del/95. Council of Scientific and Industrial Research, New Delhi, "A device useful for operating a two stroke engine with compressed natural gas and a two stroke engine fitted with the said device."
- 1252/Del/95. Ciba-Geigy AG., Switzerland, "Novel Herbicides", (Convention date 7th July, 1994)—Switzerland.
- 1253/Del/95. Societe Des Produits Nestle S.A., Switzerland, "Antioxidant Composition and process for the preparation thereof."
- 1254/Del/95. Alliedsignal Inc., "U. S. A.," Seat Belt Retractor and improved sensing mechanism." (Convention date 21st July, 1994)-U. S. A.
- 1255/Del/95. Astra Aktiebolag, "Sweden," "Process for Synthesis of substituted sulfoxides." (Convention date 15th July, 1994)-Sweden."
- 1256/Del/95. Ciba-Geigy AG., "Switzerland," "Fungicidal composition and method of controlling fungus infestation." (Convention date 11th July, 1994 and 22nd December 1994)-Switzerland."

The 6th July 1995

- 1257/Del/95. V. H. B. Exports Pvt. Ltd., "New Delhi," "Protective Head Gear/Troma Head Gear."
- 1258/Del/95. The Procter & Gamble Company, "U.S.A.," "Multi-Region Perfumes for Laundry and Cleaning Compositions." (Convention date 19th July, 1994)-U.S.A.
- 1259/Del/95. Wen-Chin Lu, "Taiwan," "Safety Syringe with externally connectable and internally retractable self-biased needle."
- 1260/Del/95. Rhone-Poulenc Rorer S. A. "France," "Process for the preparation of 4-Acetoxy-2-Benzoyloxy-5, 20-epoxy-1, 7, 10-Trihydroxy-9-OXO-TAX-11-EN-13-YL (2R, 3S)-3-TERT-BUTOXY - Carbonylamino - 2 - Hydroxy-3-Phenylpropionate Trihydrate." (Convention date 8th July, 1994)-France.
- 1261/Del/95. The Gillette Company, "U. S. A.," "Aqueous correction fluids." (Convention date 8th July, 1994)-U.S.A.
- 1262/Del/95. The Goodyear Tire & Rubber Company, "U. S. A.," "Method and apparatus for high speed cutting of elastomeric materials."
- 1263/Del/95. Motorola Inc., "U.S.A.," Method and apparatus displaying previews of stored messages in a data communication receiver."

1264/Del/95. Motorola, Inc., "U.S.A.," "Method and apparatus for Fax Messaging in a selective call receiver system using multiple code-book data compression."

1265/Del/95. Farmarc Nederland B.V., "The Netherlands," "Inclusion complexes of ranitidine." (Convention date 6th July, 1994)-South Africa."

The 7th July 1995

- 1266/Del/95. Kailash Narayan Vakil, "U.P.," Improved open pan for sugar manufacture in kanandasari Factory."
- 1267/Del/95. Sony Corporation, "Japan," "Signal Modulating method, Signal modulating apparatus and signal demodulating apparatus."
- 1268/Del/95. Ergo Science Incorporated, and The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, "U. S. A.," "Method of Regulating Immune Function."
- 1269/Del/95. Sony Corporation, "Japan," Display device using electron beam and method of erasing display screen." (Convention date 3rd February, 1995)-Japan.
- 1270/Del/95. Motorola, Inc., "U. S. A.," "Apparatus and method for shaping and power controlling a signal in a transmitter."
- 1271/Del/95. Alcatel N.V., "Netherlands," Uplink frame at the transcoder rate adaptation unit/base transceiver station interface in a cellular mobile radio network." (Convention date 11th July, 1994) France."
- 1272/Del/95. Motorola, Inc., "U. S. A.," "Method and apparatus for generating alerts based upon content of messages received by a radio receiver."
- 1273/Del/95. Patrick M. Brown Michael A. Maginnis, Casey R. Furlong, Martin G. Bakker, and Gregory L. Turner, "U.S.A.," "Zeolite-Hydraulic cement containment medium," (Convention date 8th July, 1994)-U. S. A.
- 1274/Del/95. Motorola, Inc., "U. S. A.," "Advanced communication system architecture."
- 1275/Del/95. Rhone-Poulenc Rorer S. A. "France," "Novel streptogramins and a process for preparing streptogramins by mutasynthesis." (Convention date 8th July, 1994)-France.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of Patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कमी भी नियन्त्रक, एक्स के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं”।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों के टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उम्मीदी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित विश्व आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 32 F_{2b} + 55 E₄

176071

Int. Cl. : C 07 d 263/44, 265/10, 267/06, 277/24, 279/04, 281/02.

“A METHOD OF PREPARING URETHANE-PROTECTED AMINO ACID N-CARBOXYANHYDRIDES OR N-THIOCARBOXY-ANHYDRIDES.”

Applicant : BIORESEARCH, INC., OF 55 ROME STREET FARMINGDALE, NEW YORK 11735 UNITED STATES OF AMERICA.

Inventors : (1) FULLER WILLIAM DEAN, (2) COHEN MICHAEL PHILLIP, (3) NAIDER FRED ROBERT, (4) GOODMAN MURRAY.

Application No. 188/Cal/89 filed on 7th March, 1989.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) patent office, Calcutta.

34 Claims

A method of preparing urethane-protected amino acid N-carboxyanhydrides or N-thiocarboxyanhydrides having the structure shown in Formula 2 of the accompanying drawings wherein

R and R' are hydrogen, alkyl, cycloalkyl substituted cycloalkyl, aryl, substituted aryl or the side chain of an amino acid, R and R' then being an unprotected group or group protected with a conventional protecting group, R'' is alkyl, aryl, substituted alkyl or substituted aryl, Z is oxygen or sulfur; and n is 0, 1 or 2 comprising reacting an amino acid N-carboxyanhydride or N-thiocarboxyanhydride having the structure shown in formula 1a;

wherein R and R', n and z are as defined above, with a haloformate having the structure of formula 3.

wherein x is halogen and R'' is as defined above, in an inert diluent, under anhydrous conditions and in the presence of a tertiary amine base.

Compl. specn. 48 pages

Drgns. Nil

Cl. : 126-C

176072

Int. Cl. : G 01 D 4/02.

“AN ELECTRONIC ENERGY METER AND METHOD FOR FABRICATION OR RETROFITTING THE SAME.”

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventors : (1) WARREN RALPH GERMER (2) PETER F. CORYEA, (3) JACOB M. STILLWAGON.

Application No. 165/Cal/90; dated 22-02-1990.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) patent office, Calcutta.

35 Claims

An electronic energy meter (2), comprising :

a base (4) with terminals (18, 20) extending there-through to connect the energy meter in circuit with a power source and the load to be metered;

a register (8) positioned above said base to provide a digital readout;

a transparent housing (10) surrounding said register and positioned on said base; and

a register circuit board (50),

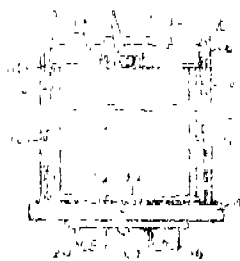
said register circuit board being positioned between the peripheral regions of said base (4) and said register (8);

said register (8) including electronic circuitry with a multi-terminal edge connector (24) with the terminals (28) thereof extending substantially perpendicular to said register circuit board;

said base including a plurality of spaced holes (42) extending through the surface of said base,

said register circuit board including signal conditioning circuitry thereon interposed between a top connector (60) affixed thereto and positioned to mate with said edge connector (24) of said register, and a bottom connector (72) including male terminals (78) extending substantially parallel to said register circuit board and spaced and dimensioned to pass through said spaced holes in said base; and

said register circuit board being selectively connectable in circuit between said register and the outside of said meter below said spaced holes.



Compl. specn. 24 pages

Drgns. 2 sheets

Cl. : 206 E

176073

Int. Cl.⁴ : H 04 L 23/00.

"DIGITAL TRANSMISSION SYSTEM."

Applicants : (1) ETAT FRANCAIS, REPRESENTÉ PAR LE MINISTÈRE DES POSTES, DES TELECOMMUNICATIONS ET DE L'ESPACE, OF 38, 40 RUE DE GENERAL LECLERC, 92131 ISSY LES MOULINEAUX, FRANCE. (2) TELÉDIFFUSION DE FRANCE S. A., OF 10 RUE D'ORADOUR SUR GLANE, 75932 PARIS CEDEX 15, FRANCE. (3) N. V. PHILIPS' GLOEILAMPE-FABRIEKEN, AT GROENEWOUDSEWEG 1, EINDHOVEN, THE NETHERLANDS.

Inventors : (1) JEAN BERNARD RAULT, (2) YVES FRANÇOIS DEHERY, (3) JEAN YVES ROUDAUT, (4) ALPHONS ANTONIUS MARIA LAMBERTUS BRUEKERS, (5) RAYMOND NICOLAAS JOHAN VELDHUIS.

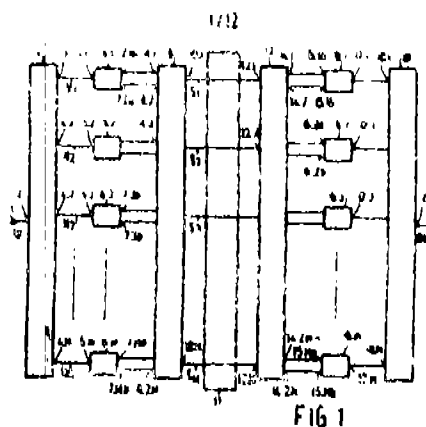
Application No. 439/Cal/90 filed on 28th May 1990.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) patent office, Calcutta.

31 Claims

A digital transmission system having a transmitter and a receiver, the transmitter comprising a coder and the receiver comprising a decoder, for subband coding of a digital signal, such as a digital audio signal, having a given sampling rate F_s , the coder being responsive to the digital signal, for generating a number of M sub-band signals with sampling rate reduction, the coder dividing the digital signal band into successive subbands of band numbers m ($1 \leq m \leq M$) increasing with frequency, the decoder being responsive to the M subband signals for constructing a replica of the digital signal, this decoder merging the subbands to the digital signal band, with sampling rate increase, characterized in that the coder comprises analysis filter means and a signal processing unit the said analysis filter means comprises M analysis filters (6.1 to $6.M$) each having one input and two outputs, the $2M$ outputs on the filters being coupled to $2M$ outputs of the analysis filter means for supplying $2M$ output signals with a sampling rate F_s/M , each analysis filter being adapted to apply two different filterings on the signal applied to its input and to supply each of the two different filtered versions of that input signal to a corresponding one of the two outputs, each one of the $2M$ filter outputs being coupled to a corresponding one of $2M$ inputs of a signal processing unit (9), the said processing unit (9) having M outputs coupled to M outputs of the coder for supplying the M subband signals, the signal processing unit being adapted to supply output signals on each of M outputs, an output signal being a combination of at least a number of input signals applied to its $2M$ inputs, the decoder comprises another signal processing unit (13) and synthesis filter means (16.1 to $16.M$),

the other signal processing unit (13) having M inputs for receiving the M subband signals and having $2M$ outputs, the synthesis filter means comprising M synthesis filters (16.1 to $16.M$) each having 2 inputs, and one output coupled to the decoder output, the other signal processing unit (13) being adapted to generate an output signal on each of its $2M$ outputs, an output signal being a combination of at least a number, of input signals applied to its M inputs, each pair of outputs of the other signal processing unit being coupled to a pair of two inputs of a corresponding one of the M synthesis filters, each synthesis filter having one output, each synthesis filter being adapted to apply different filterings on the two signals applied to the two inputs and to supply a combination of the two filtered signals to its output, each output can be coupled to the output of the synthesis filter means for supplying the replica of the digital signal having a sampling rate F_s , in that the coder is adapted to divide the digital signal band into successive subbands having approximately equal bandwidths, in that the coefficients of each of the analysis and synthesis filters are derived from the coefficients of a standard filter having a low pass filter characteristic with a bandwidth approximately equal to half the bandwidth of the subbands, and in that the standard filter has an odd number of coefficients, and that the coefficients for the analysis filters and the synthesis filters are derived from a standard filter having an odd number of coefficients that M is an even number and that for making the number of coefficients of the standard filter equal to the number of multiplication factors of each of the analysis and synthesis filters zeroes are added to the array of coefficients, of the standard filter.



Compl. specn. 41 pages

Drgns. 12 sheets

Cl. : 126-D

176074

Int. Cl.⁴ : G 01 R 15/02.

"A FIBER OPTICS DEVICE FOR MEASURING THE INTENSITY OF AN ELECTRIC CURRENT."

Applicant : MWB MESSWANDLER-BAU AKTIENGESELLSCHAFT, OF NURNBERGER STRASSE 199, D-8600 BAMBERG, WEST GERMANY.

Inventors : (1) DIRK PEIER, (2) HOLGER HIRSCH.

Application No. 553/Cal/90 filed on 3rd July, 1990.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) patent office, Calcutta.

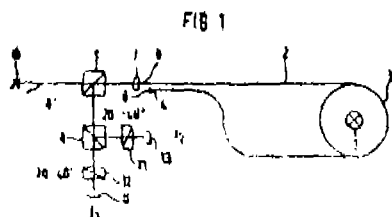
1 Claim

A fiber optic device for measuring the intensity of an electric current in a conductor using the Faraday effect including an optical fiber coiled about said conductor, a source of light for said optical fiber, beam splitter for dividing the light out of said optical fiber into two partial light beams and further comprising :

a pair of photo detectors;

a pair of polarizers, one of each located between said beam splitter and a respective photo detector; and

said polarizers being adapted to have symmetrical angles between their polarization planes and the polarization plane of the light coupled into said optical fiber and said symmetrical angles are between + 20 degrees and + 40 degrees or between - 20 degrees and - 40 degrees.



Compl. specn. 12 pages

Drgns. Nil

Cl.: 206 E

176075

Int. Cl.⁴: H 03 M 1/12.

"THIRD ORDER SIGMA DELTA ANALOG-TO-DIGITAL CONVERTER NETWORK."

Applicant: GENERAL ELECTRIC COMPANY, AT 1 RIVER ROAD, SCHENECTADY, STATE OF NEW YORK 12345, UNITED STATES OF AMERICA.

Inventor: DAVID BYRD RIBNER.

Application No. 736/Cal/90 filed on 24th August, 1990.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) patent office, Calcutta.

11 Claims

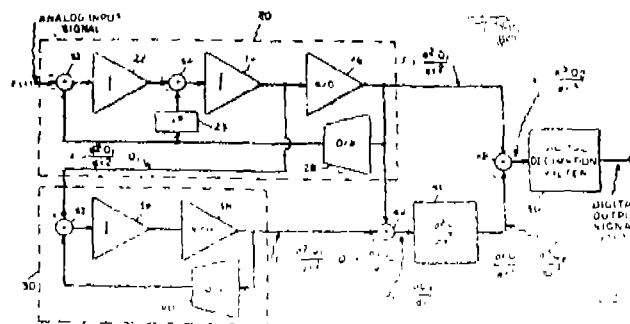
A third-order sigma-delta analog-to-digital converter network, comprising:

a second-order modulator (20) comprising first and second integrators, (22), (24), coupled in cascade such that the output of said first integrator (22) is coupled to the input of said second integrator (24) said first integrator being adapted to receive an analog input signal and a first analog-to-digital converter (26) coupled to output of said second integrator, (24) said first analog-to-digital converter (26) being adapted to convert an analog output signal from said second integrator, (24) into a first digital output signal corresponding to said analog input signal plus a second-order differential quantization noise component, said analog output signal corresponding to said first digital output signal less quantization noise of said second-order modulator;

a first-order modulator (30) comprising a third integrator (36), means (42) coupling the output of said second integrator (24) to the input of said third integrator (36) and a second analog-to-digital converter (38) coupled to the output of said third integrator (36) for converting said analog output signal of said second integrator (24) into a second digital output signal corresponding to said analog output signal plus a first-order differential quantization noise component; and

means (44) for combining said first and second digital output signals of said second-order and first-order

modulators to generate a digital output signal corresponding to said analog input signal essentially free of quantization noise from said second-order modulator.



Compl. specn. 39 pages

Drgns. 14 sheets

Cl.: 68-D.

176076

Int. Cl.⁴: H 01 H 35/32.

"AN IMPROVED FUSE CARRIER/HOLDER UNIT FOR DETERMINING THE NATURE OF ELECTRIC FAULT IN THE CIRCUIT."

Applicant & Inventor: SAMARJIT CHATTERJEE, OF P-553, PANDITIA ROAD EXTENSION, CALCUTTA-700 029, WEST BENGAL INDIA.

Application No. 737/Cal/1990; filed on 27th August, 1990.

Appropriate office for opposition proceedings (Rule 4, patent rule 1972) patent office, Calcutta.

7 Claims

An improved fuse carrier/holder unit for determining the nature of electric fault having a circuit, said unit comprising two co-operating parts, fuse holder/carrier part and the bottom part adapted to be fitted on the board, said fuse holder/carrier having a pair of fixed metal contacts towards its two ends, each being of generally U-shaped for fixing fuse element/link therebetween, two ends of U protruding downwards and adapted to be slidably fitted within correspondingly shaped spaces provided in another pair of generally U-shaped metal contacts fixed in said bottom part, said carrier/holder unit being connected through said contacts in series in the electric line, characterised in that a resistance fuse and a lamp connected in series and are housed within a rectangular slot/recess provided on the top of said fuse holder part longitudinally, said circuit of resistance fuse and the lamp are connected across said pair of contacts such that the glow of said lamp caused due to fusion of said fuse element if continue to remain as bright as before or stop the glow altogether upon putting off the or all the switches in the electric associated with the fuse carrier/holder unit indicates conclusively the short circuit or over loading in the electric line respectively.

Compl. specn. 8 pages

Drgns. Nil

Cl.: 69 A

176077

Int. Cl.⁴: H 01 H 77/00.

"A CIRCUIT BREAKER."

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

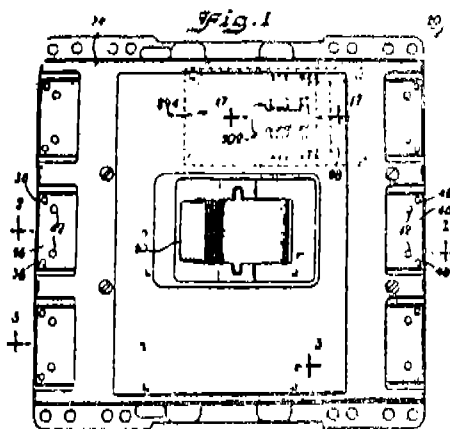
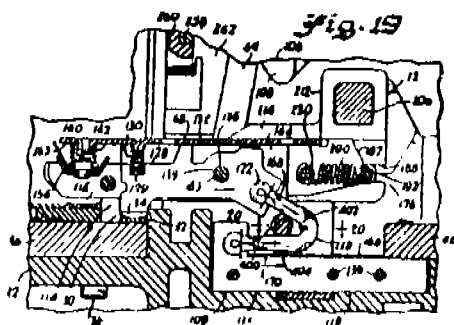
Inventors: (1) JEFF LEE MCKEE, (2) GLENN ROBERT THOMAS, (3) LANCE GULA, (4) WILLIAM ELLSWORTH BEATTY,

Application No. 826/Cal/1990; filed on 24th September, 1990.

Appropriate office for opposition Proceedings (Rule 4 Patent rule 1972) Patent Office, Calcutta.

10 Claims

A circuit breaker (20) which comprises one or more pairs of separable contacts (30), each pair defining a stationary contact (32) and a movable contact (34) forming a pole, one or more line-side conductors (36) each of which is electrically connected to said stationary contact (32); one or more load-side conductors (46); one or more flexible shunts (118) electrically connected between each of said movable contacts (34) and said load-side conductors (46); each of said shunts being formed as V-shaped members defining a bright portion (402), a first depending leg (168) connected to said movable contact (34) and a second depending leg (170) connected to said load-side conductor (46) creating a first current path between said first depending leg and said second depending leg and a second current path between said second depending leg and said load-side conductor, said second current path causing compression of said first depending leg with respect to said second depending leg at a predetermined magnitude of current, characterized in that, a spacer (400) is cooperable with said depending legs during overload conditions to transmit magnetic repulsion forces generated between said load-side conductor (46) and said depending leg (170) to the other depending leg (168) thereby substantially reducing the action of compression required between said depending legs to cause the separable contacts (30) to blow open.



Compl. specn. 31 pages

Drgns. 8 sheets

Cl. : 116 B, G XLIX

176078

Int. Cl.⁴ : B 65 F, 3/00.

"A DEVICE FOR PICKING UP TRANSPORTING AND DISCHARGING CONTAINERS OF REFUSE OR OTHER MATERIALS MOUNTED ON A VEHICLE FOR TRANSFERRING A SKIP."

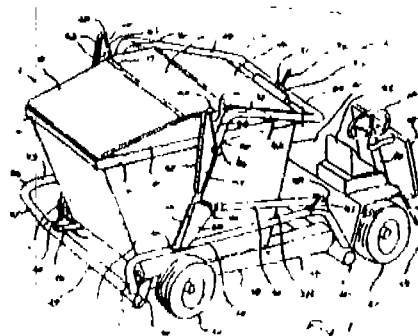
Applicants & inventors : (1) MANUS COFFEY OF GLENDARRAGH HILL, NEWTOWN-MOUNTKENNEDY COUNTY WICKLOW, IRELAND; AND (2) NORMAN SLACK OF KITTIPPER ROAD, TALLAGHT, DUBLIN 24, IRELAND.

Application No. 858/Cal/1990; filed on 08th October, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

9 Claims

A device for picking-up, transporting and discharging containers of refuse or other materials mounted on a vehicle for transferring a skip comprising a lifting member, first engagement means mounted on the lifting member for releasably engaging the skip, and mounting means for pivotally mounting the lifting member on the vehicle so that the lifting member is pivotal relative to the vehicle from a loaded position with the first engagement means engaging the skip on the vehicle to an unloaded position with the skip on the ground characterised in that the first engagement means pivotally engages skip about a first pivot axis, the mounting means pivotally mounts the lifting member about a second pivot axis the second pivot axis being parallel to and spaced apart from the first pivot axis, and second engagement means is mounted on the lifting member for selectively engaging the skip rigidly with the lifting member so that as the lifting member pivots from the loaded to the unloaded position, the skip is tipped for discharging contents thereof.



Compl. specn. 31 pages

Drgns. 4 sheets

Cl. : 69 J

176079

Int. Cl.⁴ : H 01 H 9/22,, H 02 B 1/044.

"ELECTRICAL CONTROL AND/OR SIGNALLING DEVICE INTENDED TO BE FASTENED IN AN ORIFICE OF A WALL."

Applicant : TELEMECANIQUE, OF 43-45, BOULEVARD FRANKLIN ROOSEVELT, 92500 RUEIL-MALMAISON, FRANCE.

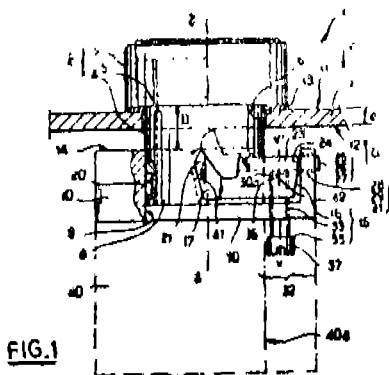
Inventors : (1) MICHEL GENDRE, (2) FRANCOIS RABOU.

Application No. 932/Cal/1990; filed on 07th November, 1990.

Appropriate office for opposition Proceedings (Rule 4 Patent rule 1972) Patent Office, Calcutta.

10 Claims

An electrical control device such as a push button switch or indicator lamp for controlling an electrical installation and or signalling to an electrical installation, said device comprising a hollow cylindrical shank (4, 72) intended to pass through an orifice (6) of a supporting wall (7, 93), a projecting collar (3) which is fixed to the shank and which can be laid onto an outer face (11) of the wall, a base (10, 54, 71, 91, 101) connected to an electrical block (40) and removably receiving the shank end opposite the collar (3) and screw-type pressure means (35, 55, 88, 90, 121) which are associated with this base and which can be laid onto an inner face (12) of the wall (7, 93) in order to ensure the fastening of this assembly to the wall when these screw means are actuated on that side of the base opposite the collar, characterized in that the screw-type pressure means comprise a lever (16, 51, 99, 104) having two branches (17, 18; 66, 67; 111, 112) which extend on either side of the shank and which each possess an edge (21, 22; 58, 62; 122, 123) engageable with the rear face of the supporting wall, the lever being pivotally mounted in the base (10, 54, 71, 91, 101) with free play, whereby when said lever pivots, the branches (17, 18; 66, 67; 111, 112) thereof are pivoted onto the said rear face (12), and a screw (33, 55, 88, 90, 121) mounted in the base and engaging said lever for controlling the pivoting of the lever.



Compl. specn. 17 pages

Drgns. 4 sheets

Cl. : 128 F K G.

176080

Int. Cl. : A 61 M 25/00, 3/00, 5/14.

"CATHETER DEVICE FOR USE WITH A NEEDLE ASSEMBLY AND METHOD FOR PRODUCING THE SAME."

Applicant : CRITIKON, INC., OF 4110 GEORGE ROAD, TAMPA, FLORIDA 33634, UNITED STATES OF AMERICA.

Inventors : (1) RICHARD GARY HOLDAWAY (2) JULIAN EDWARD CANNON, (3) GORDON WEBSTER HORGAN, (4) ANTHONY YBERT VAN HEUGTEN, (5) JOHN WILLIAM EGOLF, JR.

Application No. 978/Cal/1990; filed on 19th November, 1990.

Appropriate office for opposition Proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

12 Claims

A catheter device comprising :

- a needle assembly including a pointed needle extending from the distal end of said assembly; and
- a catheter assembly including a catheter hub having an aperture extending through said hub and a catheter cannula affixed to extend from the distal end of said hub aperture, said catheter assembly adapted to

engage said needle assembly with said needle extending through said distal end of said catheter hub and said catheter cannula, and said aperture of said hub exhibiting circumferential protrusion means extending toward the center of said aperture from the inner wall of said aperture for pressing said catheter cannula against said engaged needle in a wiping fit.

Fig. 2



Compl. specn. 14 pages

Drgns. 4 sheets

CLAIM UNDER SECTION 20 (1) OF THE PATENT ACT, 1970

The claim made by ENVIRONMENTAL ENERGY SYSTEM INC under Section 20 (1) of the Patents Act, 1970 to proceed the application for Patent No. 171003 in their name has been allowed.

The claim made by CEDCOM NETWORK SYSTEM PTY. LIMITED under Section 20 (1) of the Patents Act 1970 to proceed the application for Patent No. 171133 in their name has been allowed.

AMENDMENT PROCEEDING UNDER SECTION-78(1)

Under section 78 (1) of the Patents Act, 1970, certain amendments in the complete Specification in respect of Patent No. 174894 were allowed on 11-12-95.

LIST OF PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office, Calcutta, and its branches at Bombay, Madras and Delhi at thirty rupees per copy :—

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PATENT SEALED ON 15-12-95

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CAL—19, DEL—08, BOM—08, MAS—01

*Patent shall be deemed to be endorsed with the words
 LICENCE OF RIGHT Under Section 87 of the Patents Act
 1970 from the date of expiration of three years from the date
 of sealing.

D—Drug Patents, F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for period of two years from the date of
 registration except as provided for in Section 50 of the Design
 Act, 1911.

The date shown in the each entries is the date of the regis-
 tration included in the entries.

Class 1. No. 168357, Ravissant, a division of Vishal (P)
 Limited, an Indian Company, 24 Nehru Place,
 New Delhi-110019, India, "KEY CHAIN", 31st
 October, 1994.

Class 1. No. 168871, Onida Savak Ltd., having its reg. Off.
 at GA-2, B-1 Mohan Co-operative Industrial
 Estate, Mathura Road, Badar Pur, New Delhi,
 India, "WASHING MACHINE", 1st March,
 1995.

Class 1. No. 168527, Positex Electrodomeotics (P) Limited
 an Indian company at 8D, Anna Industrial Estate,
 Sakinaka, Bombay-72, Maharashtra, India,
 "IRON", 23rd December, 94.

Class 1. No. 168528 Positex Electrodomeotics (P) Limited,
 an Indian company at 8D, Anna Industrial Estate,
 Sakinaka, Bombay-72, Maharashtra, India,
 "IRON", 23rd December, 94.

Class 1. No. 168609, Earl Behari Pvt. Ltd. a company in-
 corporated and existing under the Com. Act, 1956
 of 148 E, St. Cyril Road, Bandra, Bombay-40,
 Maharashtra, India, "ADJUSTABLE FRICTION
 STAY", 10th January 1995.

Class 3. No. 169062, Manak Chand Jain of 41A, Virwani
 Ind. Estate, Goregaon (E), Bombay-63, Mahara-
 shtra, India, "BALL PEN", 25th April 1995.

Class 3. No. 168272, Osram GmbH, Hellabrunner Str. 1,
 81543, Munchen, Germany, a German Company,
 "COMPACT FLUORESCENT LAMP", 18th
 October 1994.

Class 4. No. 168986 & 168987, Super Shine, a propertio-
 ship firm having its principal place of business at
 14, S. N. Road Firozabad-283203, U. P., India,
 "LIGHT FITTING", 31st March, 1995.

Class 5. No. 168931, Anuradha Singhania, India national,
 of 59A, Bhulabhai Desai Road, Bombay-26 Maha-
 rashtra, India, "CONTAINER", 16th March,
 1995.

Class 8. No. 168824, W. H. Deeth (Ballabgarh) & Co., of
 24 Okhla Ind. Area, Phase I, New Delhi-20,
 India, "CARPET", 20th February 1995.

Class 10. No 168723, 168724 & 168725, API Polymers
 (India) Limited, J 17, Udyog Nagar, main
 Rohtak Road, New Delhi-110041 India, "SHOE
 SOLE", 1st February 1995.

R. A. ACHARYA,
 Controller General of Patent,
 Design & Trade Marks

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1996

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